

Additional File 2: Cohen's Kappa Calculation

Overall Agreement		Madison				Total
		Yes	No	Unclear	N/A	
Maria	Yes	108	9	16	4	137
	No	21	183	19	22	245
	Unclear	9	20	22	2	53
	N/A	0	2	3	24	29
Total		138	214	60	52	464

Total Agreement (n) = 108+ 183+22+24= 337

Total Agreement (%) = (337/464) x 100 = 72.6%

Code	Calculation	Expected Frequency
Yes	(137 x 138)/464	40.7
No	(214 x 245)/464	113.0
Unclear	(60 x 53)/464	6.9
N/A	(52 x 29)/464	3.25
Sum	40.7+ 113.0 + 6.9 +3.25	163.85

Cohen's Kappa

$K = (\Sigma \text{agreement} - \Sigma \text{expected frequency}) / (N - \Sigma \text{expected frequency})$

$K = (337 - 163.85) / (464 - 163.85)$

$K = 0.58$